

In the Claims

Claims 1-44 and 46 (cancelled).

45. (Amended) A method of restoring male reproductive function compromised by an endocrine disturbing chemical, comprising administering an effective amount of an alcohol and/or aqueous extract of a root, leaf or whole plant of *Withania somnifera* Dunal to a male subject in need of such treatment, wherein the extract contains not less than 1 wt % of alkaloids and not less than 1 wt % withanolides and wherein the male reproductive function is sperm count of a male subject.

47. (New) The method of claim 45, wherein the extract is an aqueous extract.

48. (New) The method of claim 45, wherein the extract is an alcohol extract.

49. (New) The method of claim 48, wherein the alcohol is ethanol.

50. (New) A method for restoring compromised male reproductive function by an endocrine disturbing chemical, comprising administering an effective amount of a food supplement comprising a food and an aqueous and/or alcohol extract of *Withania somnifera* Dunal, wherein the extract contains not less than 1 wt % of alkaloids and not less than 1 wt % withanolides and wherein the male reproductive function is sperm count of a male subject.

51. (New) The method of claim 50, wherein the extract is an aqueous extract.
52. (New) The method of claim 50, where the extract is an alcohol extract.
53. (New) The method of claim 52, wherein the alcohol is ethanol.